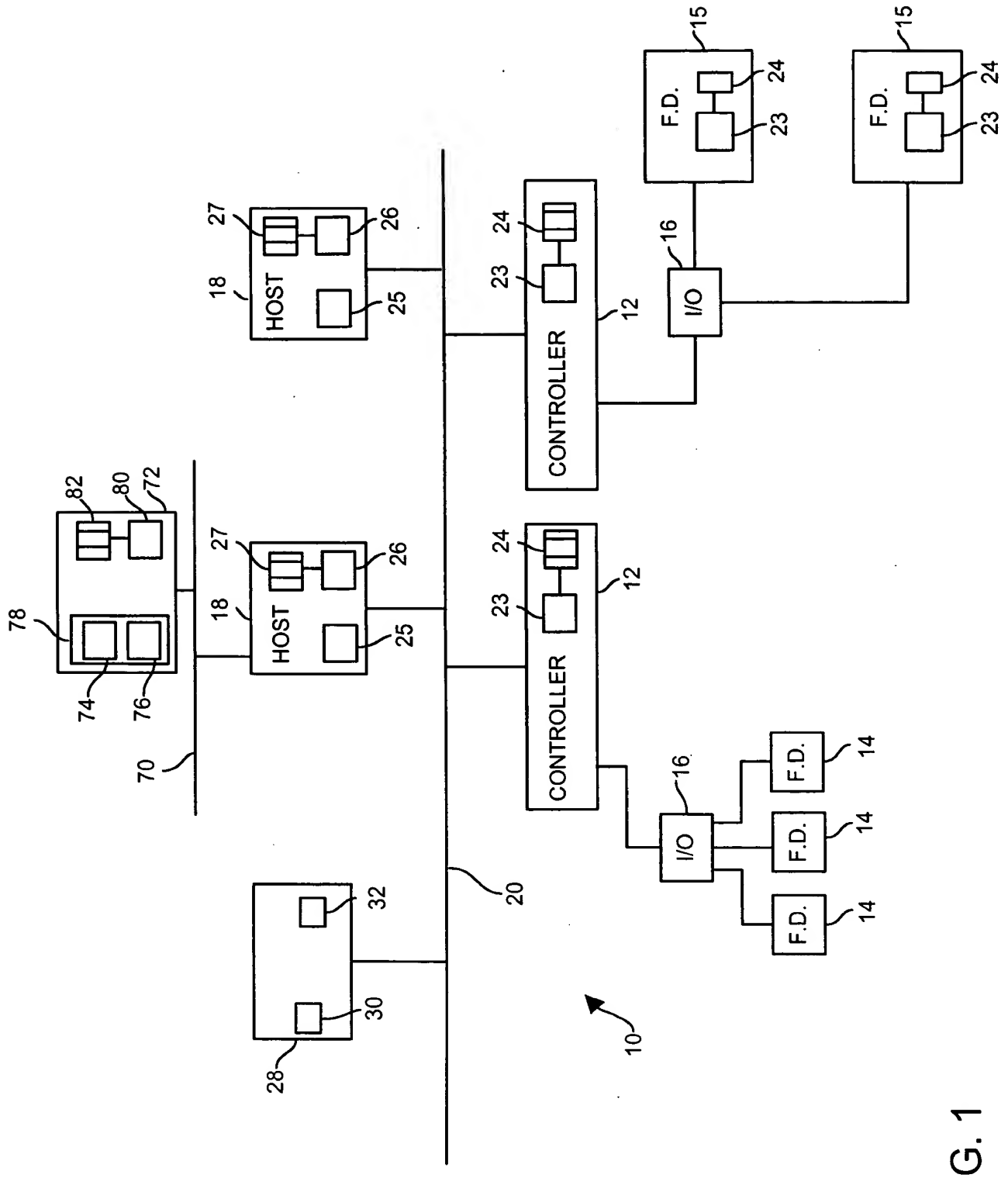
F.D.
15
24
23
I/O
16
CONTROLLER
12
HOST
18
27
26
25
82
80
72
78
74
76
70
32
30
28
20
14
10

FIG. 1

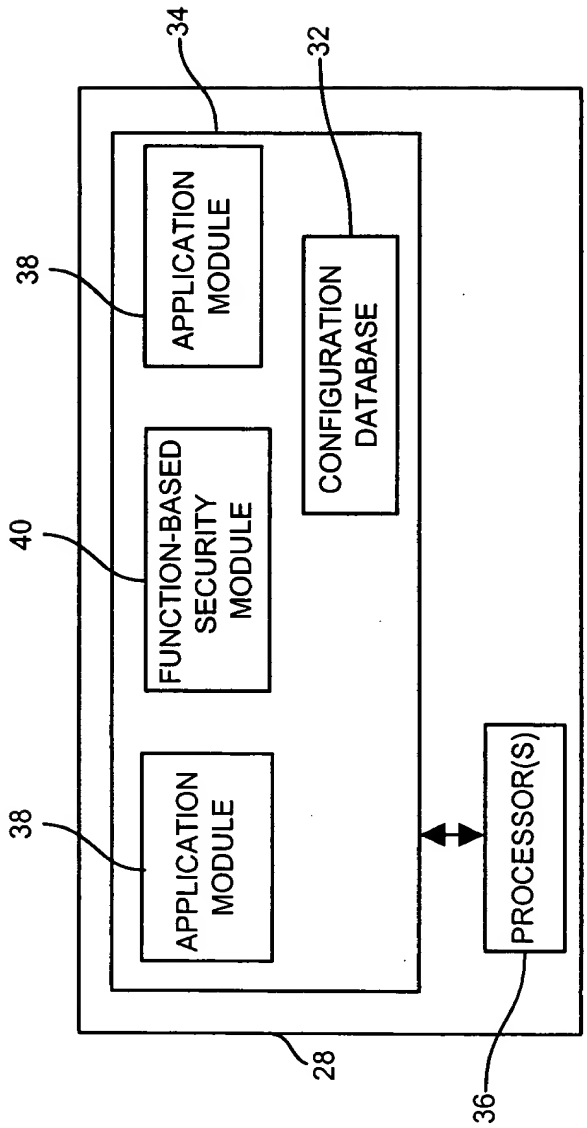
34
32
38
APPLICATION MODULE
CONFIGURATION DATABASE
40
FUNCTION-BASED SECURITY MODULE
38
APPLICATION MODULE
PROCESSOR(S)
28
36

FIG. 2

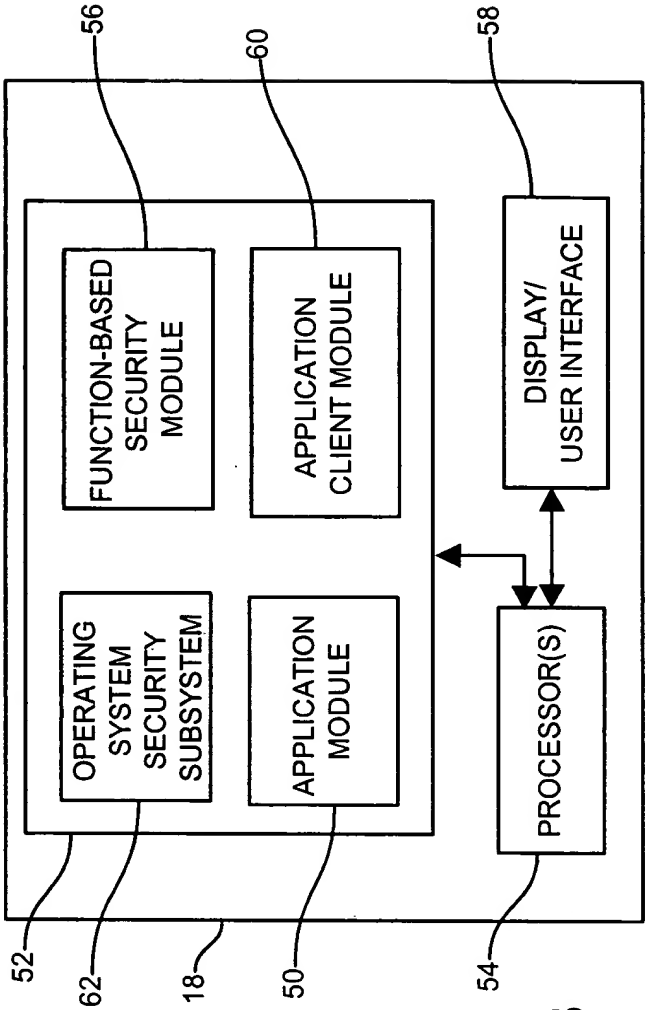
56
60
58
FUNCTION-BASED SECURITY MODULE
APPLICATION CLIENT MODULE
DISPLAY/ USER INTERFACE
OPERATING SYSTEM SECURITY SUBSYSTEM
APPLICATION MODULE
PROCESSOR(S)
52
62
18
50
54

FIG. 3

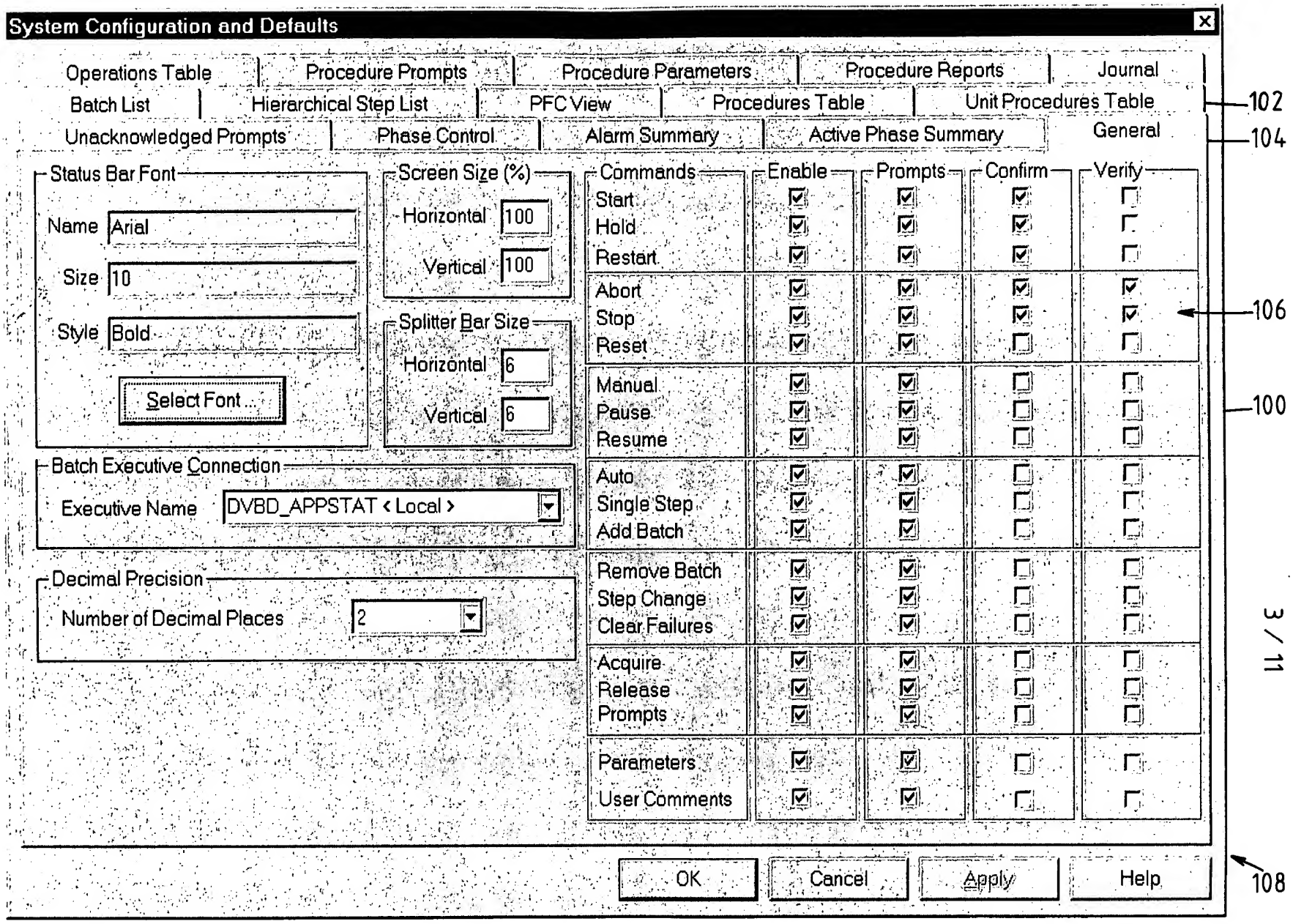
System Configuration and Defaults
Operations Table
Procedure Prompts
Procedure Parameters
Procedure Reports
Journal
Batch List
Hierarchical Step List
PFC View
Procedures Table
Unit Procedures Table
Unacknowledged Prompts
Phase Control
Alarm Summary
Active Phase Summary
General
Status Bar Font
Name Arial
Size 10
Style Bold
Select Font ...
Screen Size (%)
Horizontal 100
Vertical 100
Splitter Bar Size
Horizontal 6
Vertical 6
Batch Executive Connection
Executive Name DVBD_APPSTAT < Local >
Decimal Precision
Number of Decimal Places 2
Commands
Enable
Prompts
Confirm
Verify
Start
Hold
Restart
Abort
Stop
Reset
Manual
Pause
Resume
Auto
Single Step
Add Batch
Remove Batch
Step Change
Clear Failures
Acquire
Release
Prompts
Parameters
User Comments
OK
Cancel
Apply
Help
102
104
106
100
108

FIG. 4

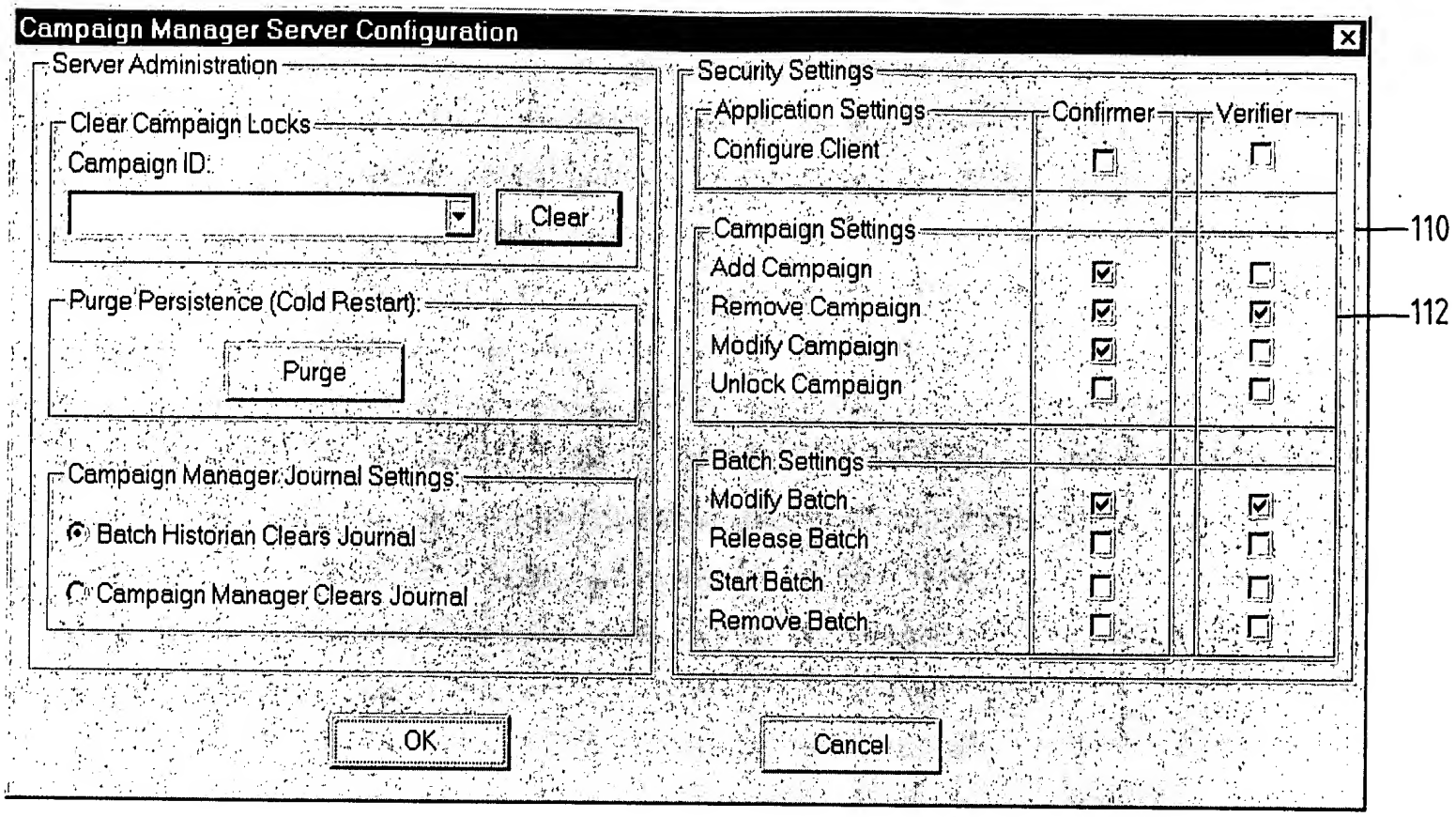
Campaign Manager Server Configuration
Server Administration
Clear Campaign Locks
Campaign ID:
Clear
Purge Persistence (Cold Restart):
Purge
Campaign Manager Journal Settings
Batch Historian Clears Journal
Campaign Manager Clears Journal
OK
Security Settings
Application Settings
Confirmer
Verifier
Configure Client
Campaign Settings
Add Campaign
Remove Campaign
Modify Campaign
Unlock Campaign
Batch Settings
Modify Batch
Release Batch
Start Batch
Remove Batch
Cancel
110
112

FIG. 5

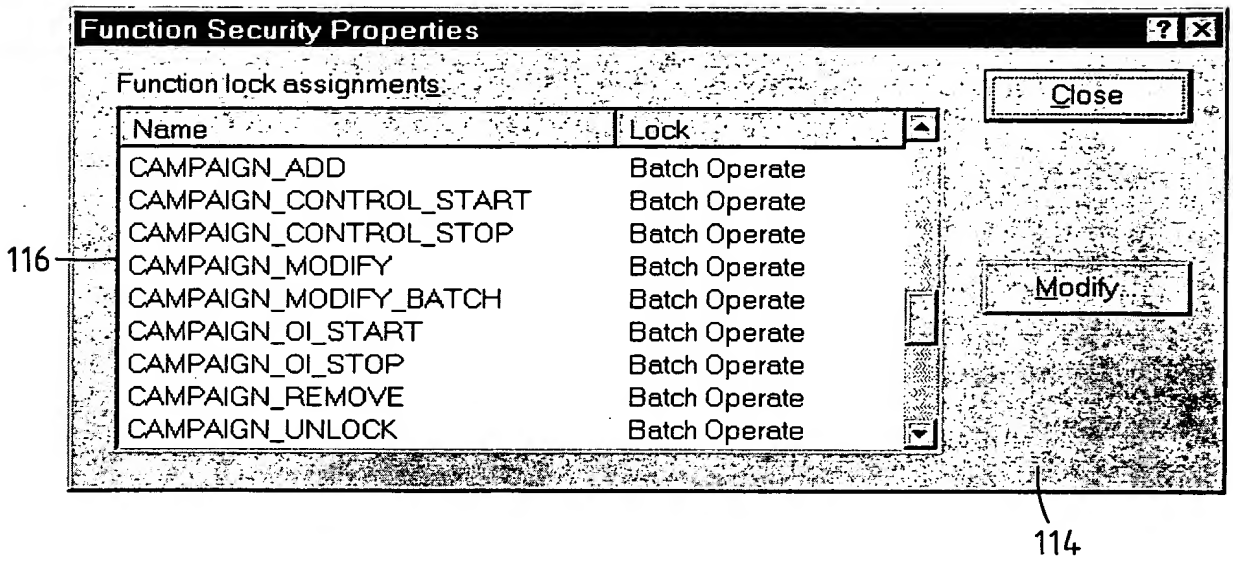
Function Security Properties
Function lock assignments:
Name
Lock
CAMPAIGN_ADD Batch Operate
CAMPAIGN_CONTROL_START Batch Operate
CAMPAIGN_CONTROL_STOP Batch Operate
CAMPAIGN_MODIFY Batch Operate
CAMPAIGN_MODIFY_BATCH Batch Operate
CAMPAIGN_OI_START Batch Operate
CAMPAIGN_OI_STOP Batch Operate
CAMPAIGN_REMOVE Batch Operate
CAMPAIGN_UNLOCK Batch Operate
Close
Modify
116
114

FIG. 6

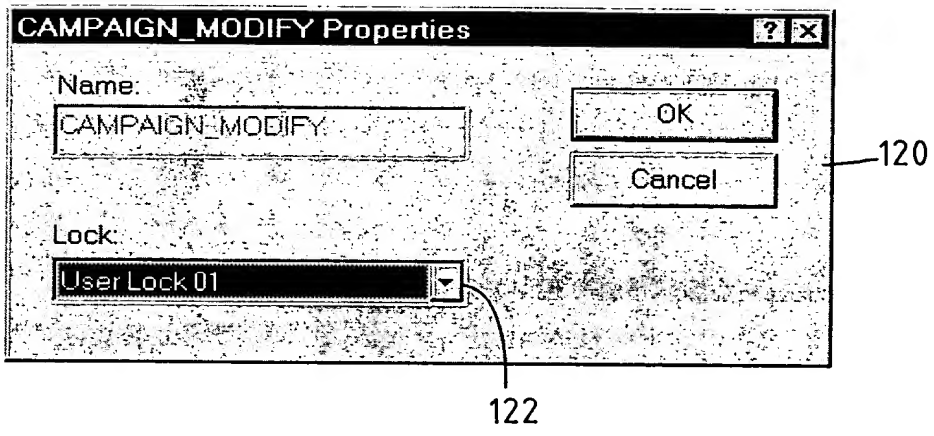
CAMPAIGN_MODIFY Properties
Name:
CAMPAIGN_MODIFY
OK
Cancel
Lock:
User Lock 01
120
122

FIG. 7

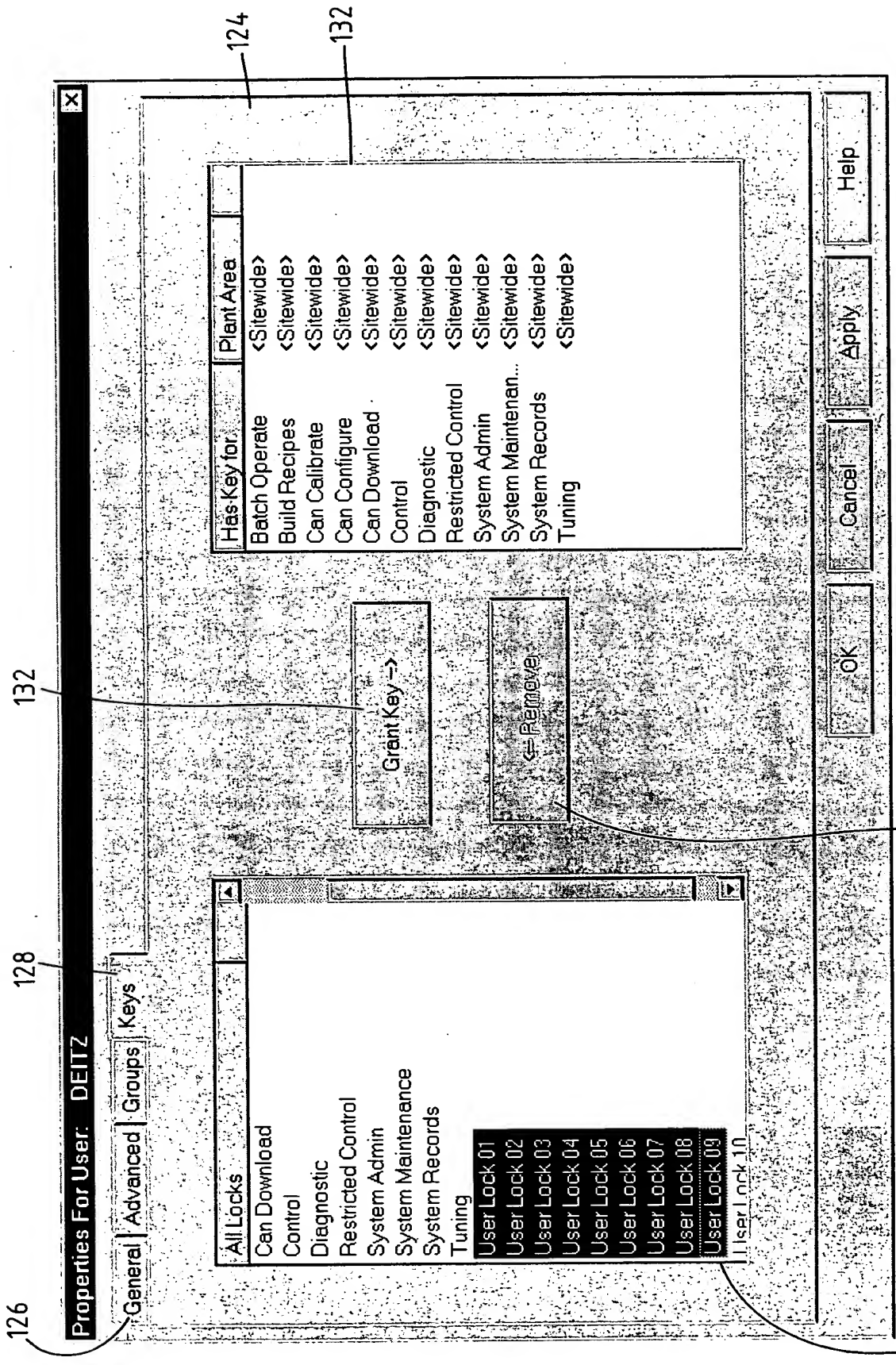
Properties For User: DEITZ
General
Advanced
Groups
Keys
All Locks
Can Download
Control
Diagnostic
Restricted Control
System Admin
System Maintenance
System Records
Tuning
User Lock 01
User Lock 02
User Lock 03
User Lock 04
User Lock 05
User Lock 06
User Lock 07
User Lock 08
User Lock 09
User Lock 10
Grant Key -->
<-- Remove
Has Key for:
Plant Area
Batch Operate <Sitewide>
Build Recipes <Sitewide>
Can Calibrate <Sitewide>
Can Configure <Sitewide>
Can Download <Sitewide>
Control <Sitewide>
Diagnostic <Sitewide>
Restricted Control <Sitewide>
System Admin <Sitewide>
System Maintenan... <Sitewide>
System Records <Sitewide>
Tuning <Sitewide>
OK
Cancel
Apply
Help
126
128
130
132
132
134
124

FIG. 8

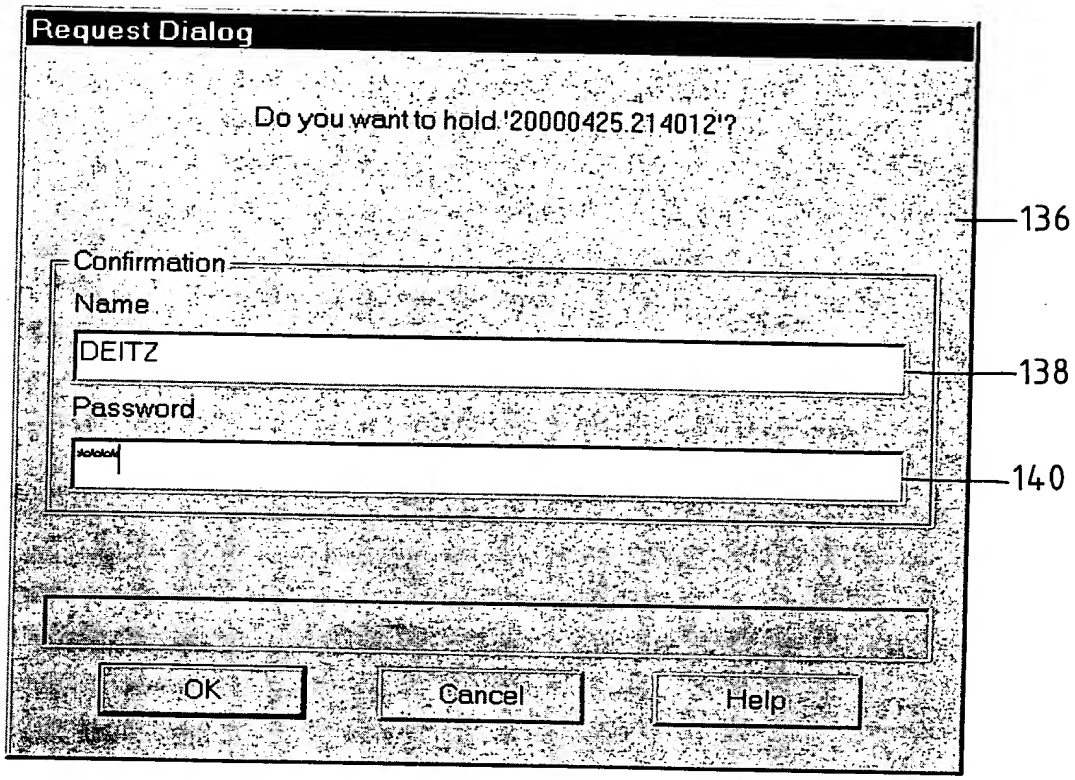
Request Dialog
Do you want to hold '20000425.214012'?
Confirmation
Name
DEITZ
Password
OK
Cancel
Help
136
138
140

FIG. 9

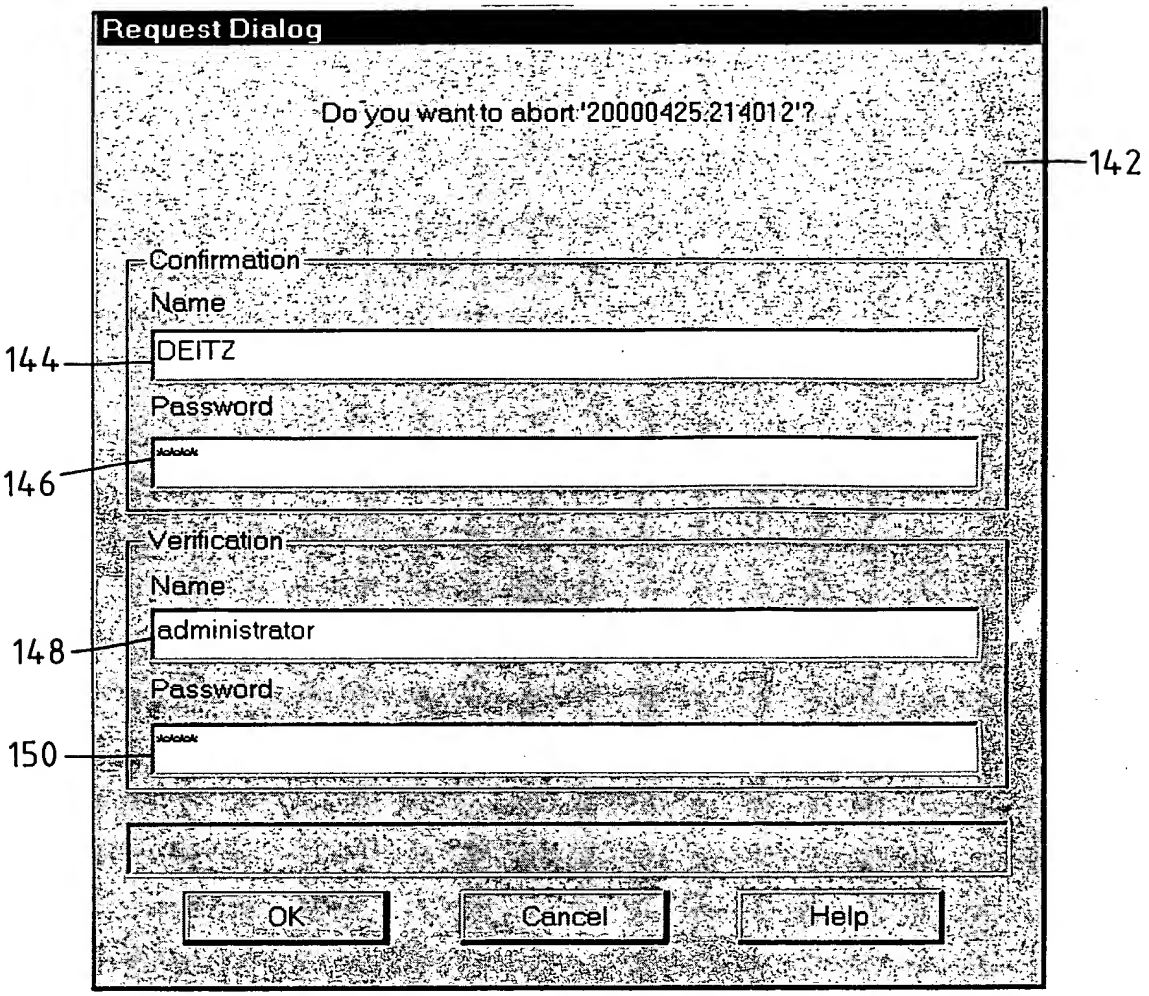
Request Dialog
Do you want to abort '20000425.214012'?
142
Confirmation
Name
144
DEITZ
Password
146
Verification
Name
148
administrator
Password
150
OK
Cancel
Help

FIG. 10

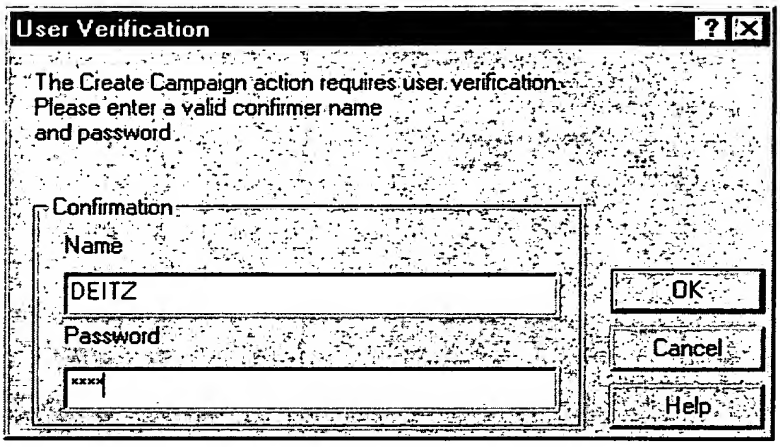
User Verification
The Create Campaign action requires user verification.
Please enter a valid confirmer name
and password.
Confirmation
Name
DEITZ
Password
****
OK
Cancel
Help

FIG. 11

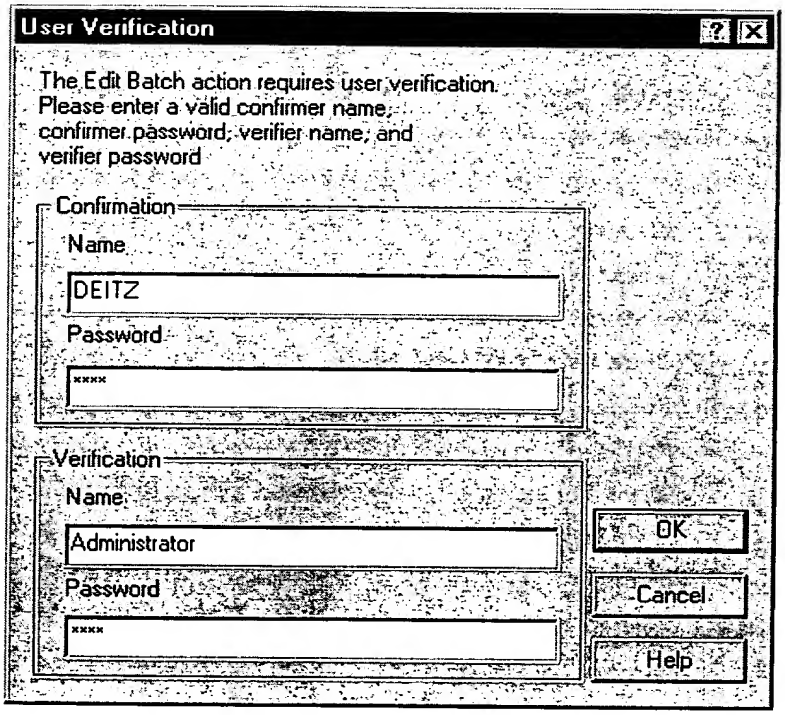
User Verification
The Edit Batch action requires user verification.
Please enter a valid confirmer name,
confirmer password, verifier name, and
verifier password
Confirmation
Name
DEITZ
Password
****
Verification
Name
Administrator
Password
****
OK
Cancel
Help

FIG. 12

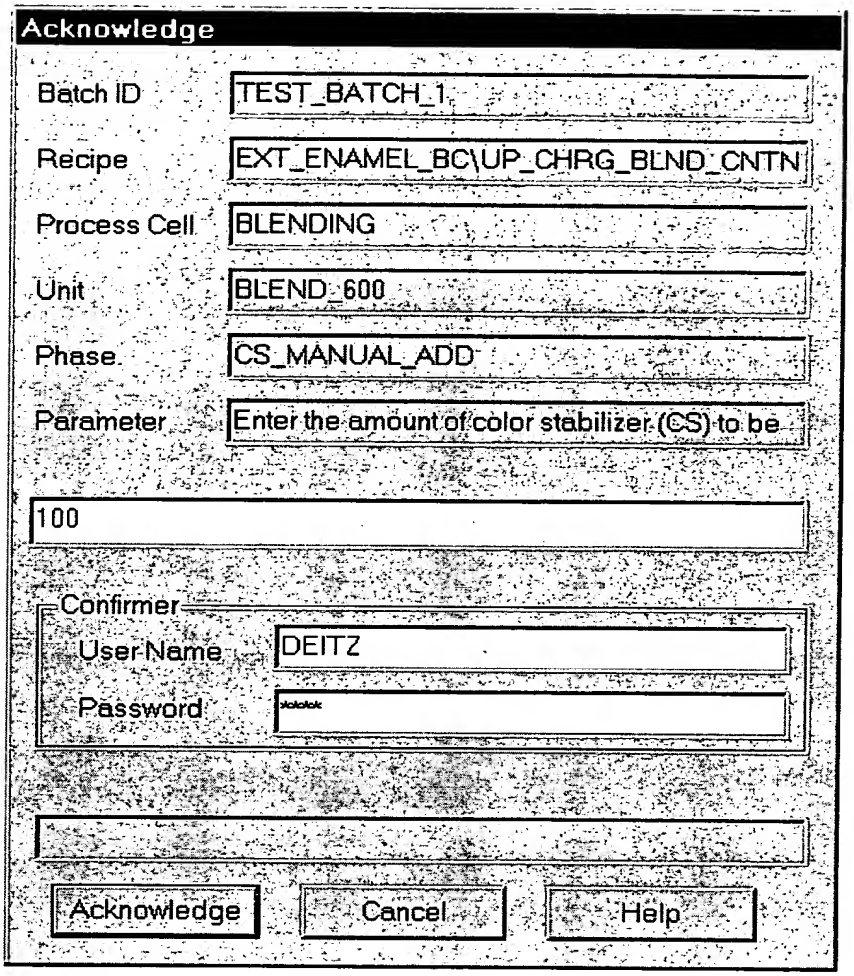
Acknowledge
Batch ID
TEST_BATCH_1
Recipe
EXT_ENAMEL_BC\UP_CHRG_BLND_CNTN
Process Cell
BLENDING
Unit
BLEND_600
Phase
CS_MANUAL_ADD
Parameter
Enter the amount of color stabilizer (CS) to be
100
Confirmer
User Name
DEITZ
Password
Acknowledge
Cancel
Help

FIG. 13

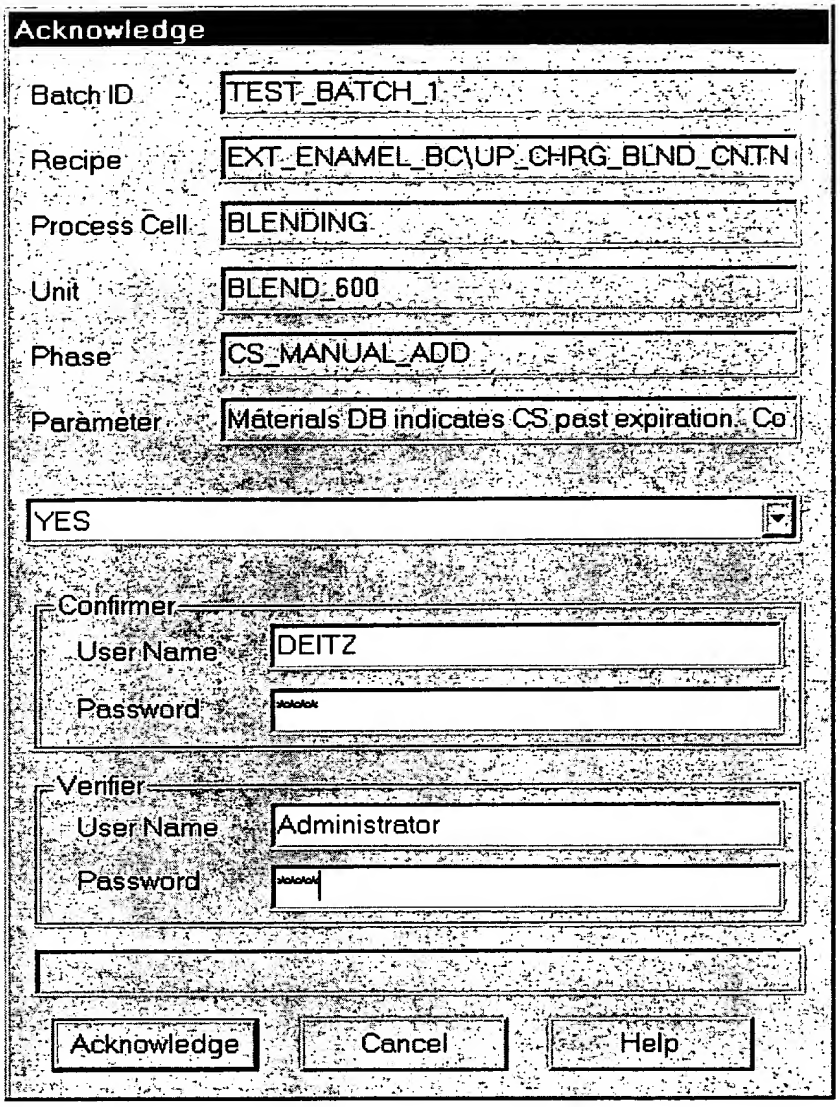

FIG. 14

D0 9T 0S: 9 /9 0+ 65 US 0